

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071450.D
 Acq On : 23 Dec 2021 18:37
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Dec 24 03:32:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

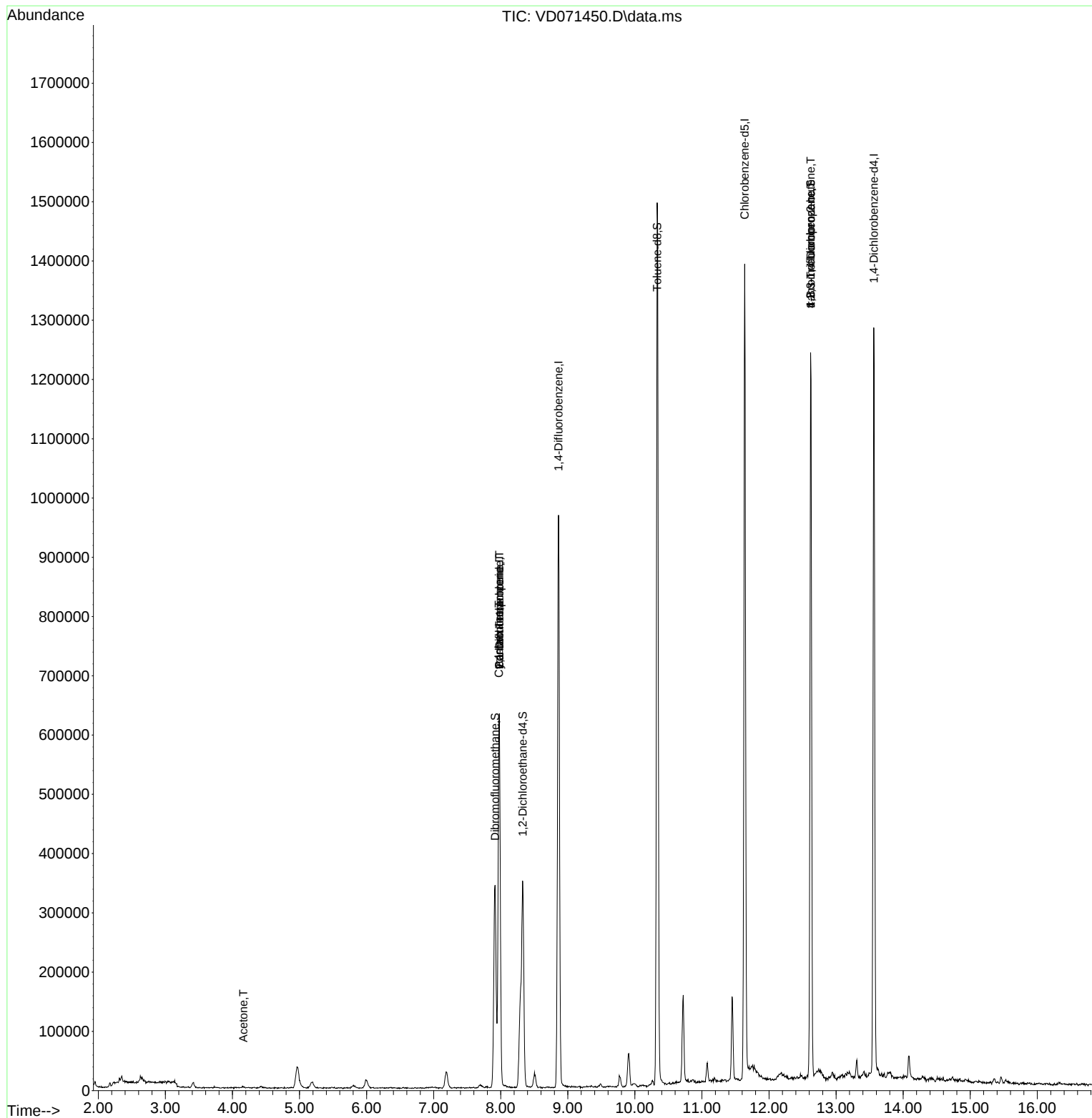
Internal Standards						
1) Pentafluorobenzene	7.979	168	440549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	772891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	706153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	306756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	263957	45.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.220%
35) Dibromofluoromethane	7.914	113	240357	46.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.540%
50) Toluene-d8	10.332	98	979159	49.881	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.620	95	323064	46.314	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.620%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.173	59	4198	Below Cal	#	71
16) Acetone	4.162	43	2427	1.651	ug/l	89
20) Methylene Chloride	4.968	84	25014	Below Cal	#	93
31) Cyclohexane	7.973	56	13433	1.352	ug/l	# 10
36) 1,1-Dichloropropene	7.979	75	40674	4.901	ug/l	# 50
38) Carbon Tetrachloride	7.979	117	48369	5.908	ug/l	# 16
76) 1,2,3-Trichloropropane	12.620	75	188980	51.849	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	188980	146.501	ug/l	# 19

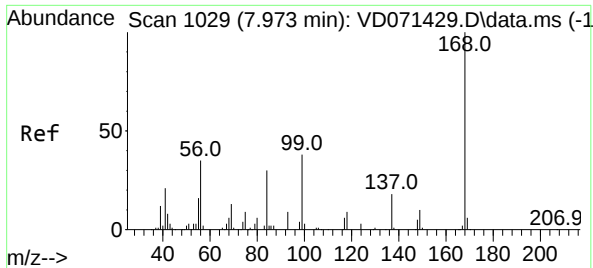
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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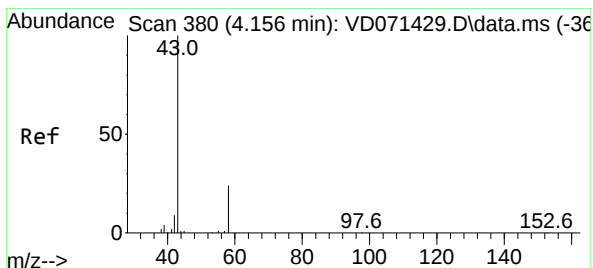
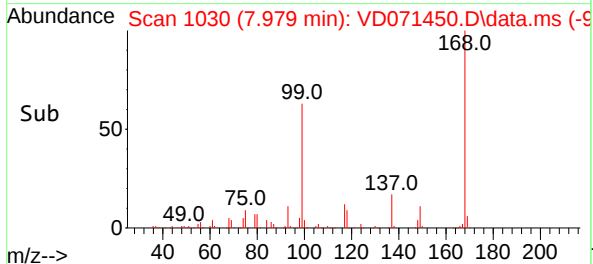
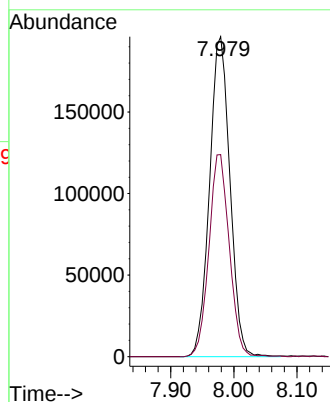
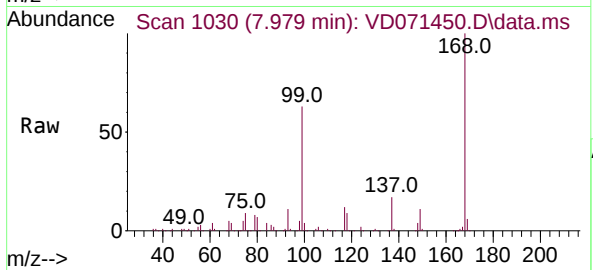




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD071450.D
Acq: 23 Dec 2021 18:37

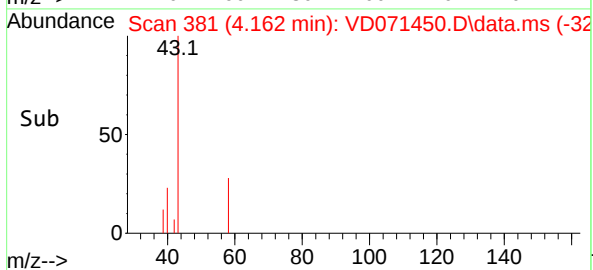
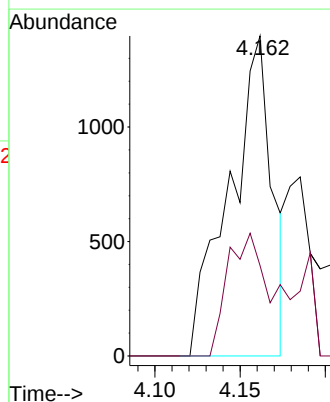
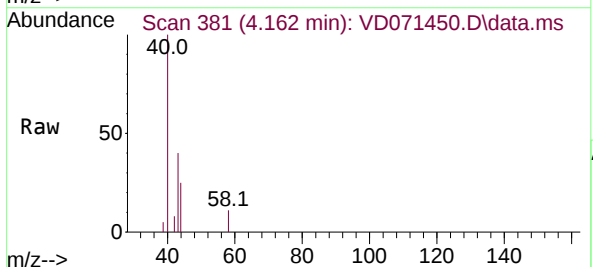
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

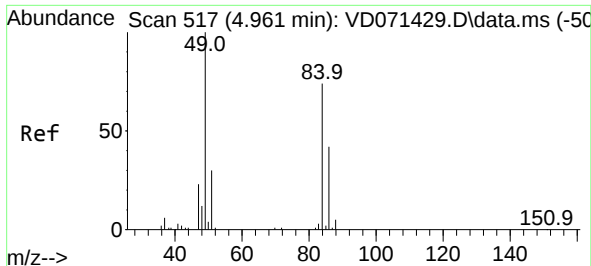
Tgt Ion:168 Resp: 440549
Ion Ratio Lower Upper
168 100
99 63.1 46.6 69.8



#16
Acetone
Concen: 1.651 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071450.D
Acq: 23 Dec 2021 18:37

Tgt Ion: 43 Resp: 2427
Ion Ratio Lower Upper
43 100
58 28.3 27.8 41.8

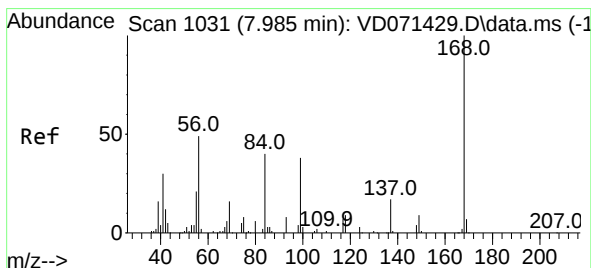
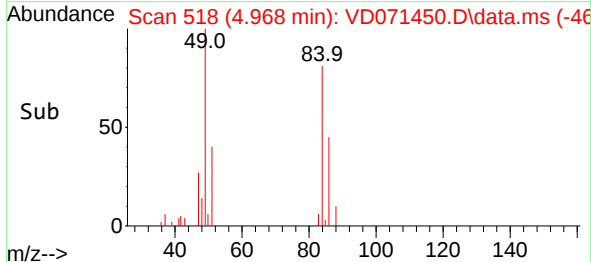
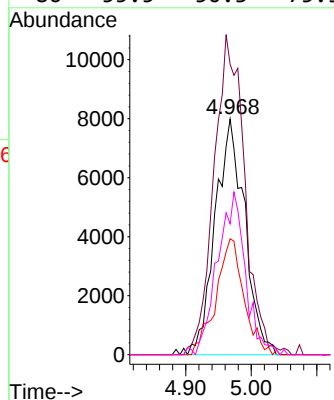
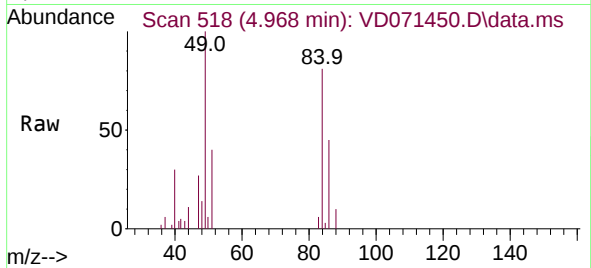




#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 517
Delta R.T. 0.007 min
Lab File: VD071450.D
Acq: 23 Dec 2021 18:37

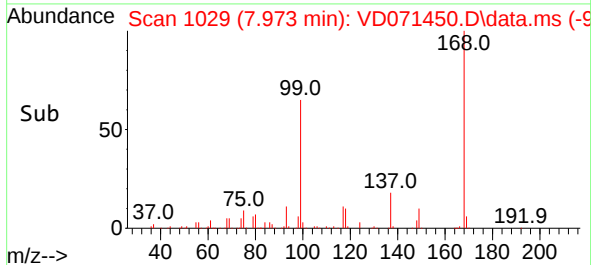
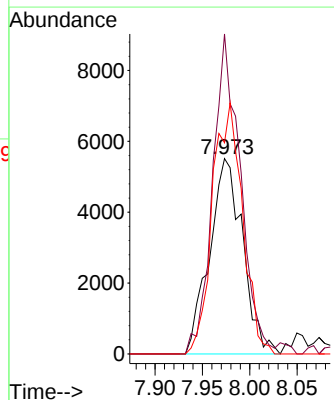
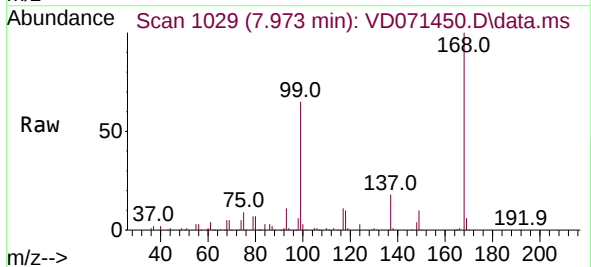
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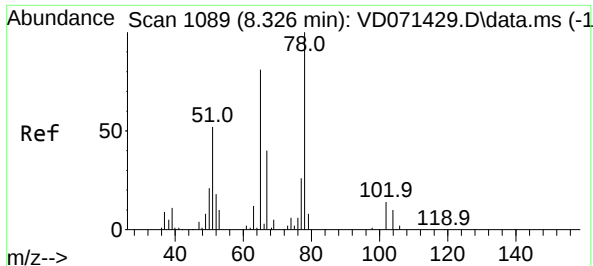
Tgt Ion:	84	Resp:	25014
Ion	Ratio	Lower	Upper
84	100		
49	123.2	95.8	143.6
51	49.2	30.9	46.3#
86	55.5	50.3	75.5



#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071450.D
Acq: 23 Dec 2021 18:37

Tgt Ion:	56	Resp:	13433
Ion	Ratio	Lower	Upper
56	100		
69	163.8	25.9	38.9#
84	108.1	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 45.114 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071450.D

Acq: 23 Dec 2021 18:37

Instrument :

MSVOA_D

ClientSampleId :

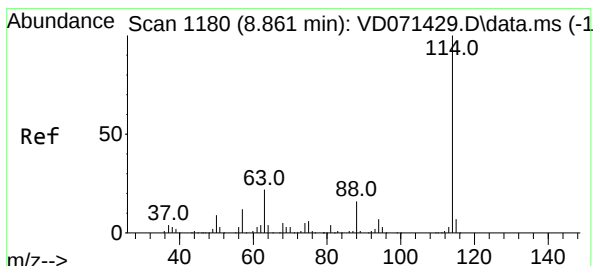
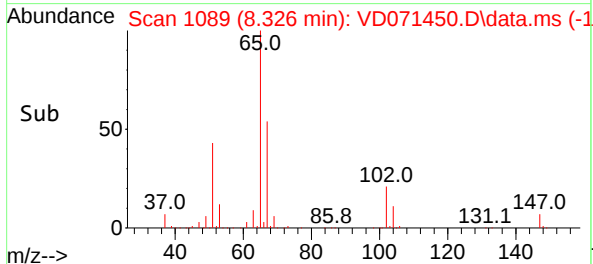
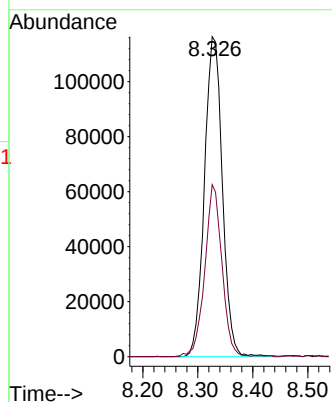
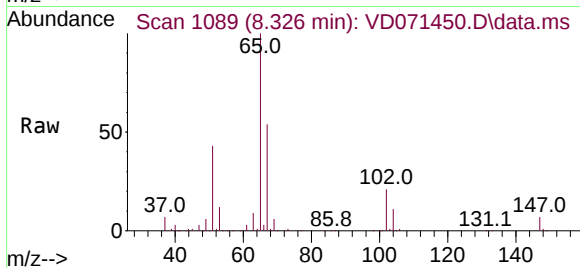
VIBLK

Tgt Ion: 65 Resp: 263957

Ion Ratio Lower Upper

65 100

67 51.2 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071450.D

Acq: 23 Dec 2021 18:37

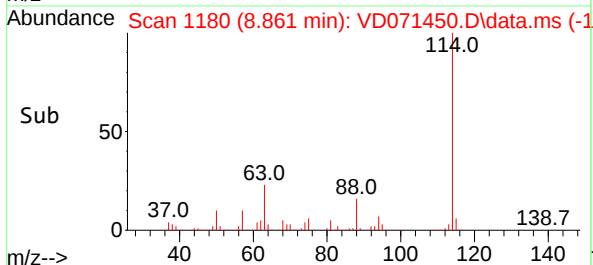
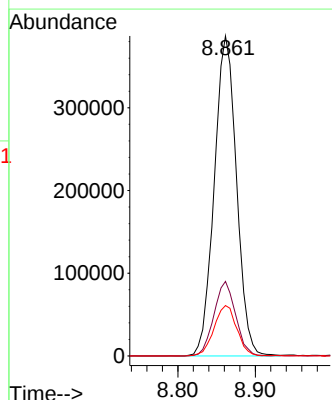
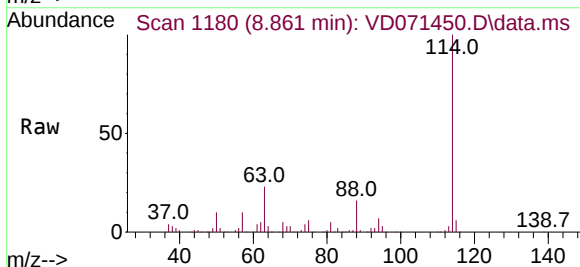
Tgt Ion: 114 Resp: 772891

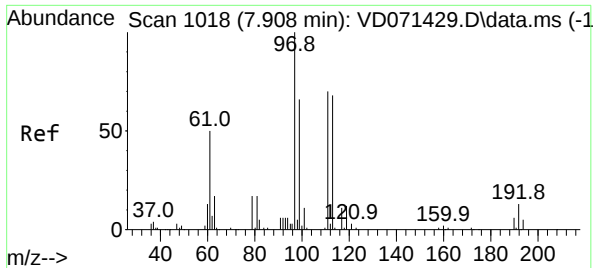
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.8

88 15.8 0.0 32.8

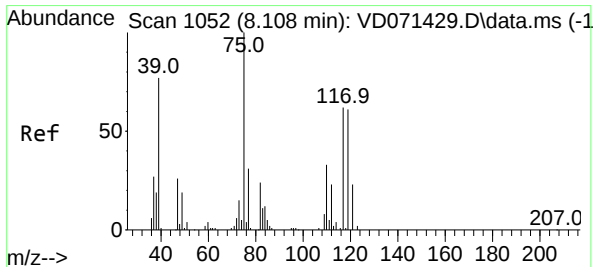
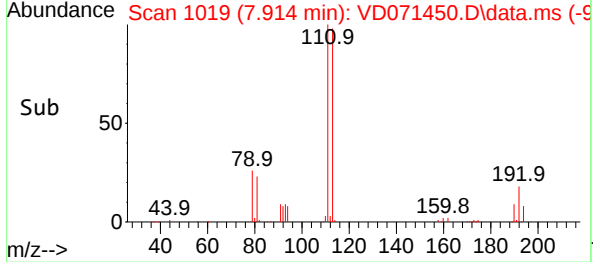
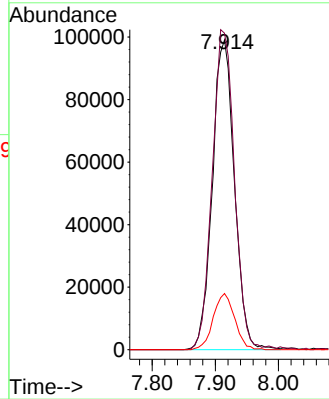
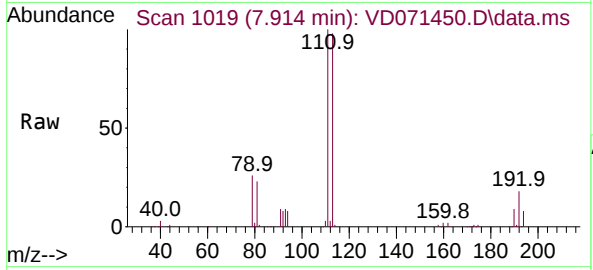




#35
Dibromofluoromethane
Concen: 46.272 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071450.D
Acq: 23 Dec 2021 18:37

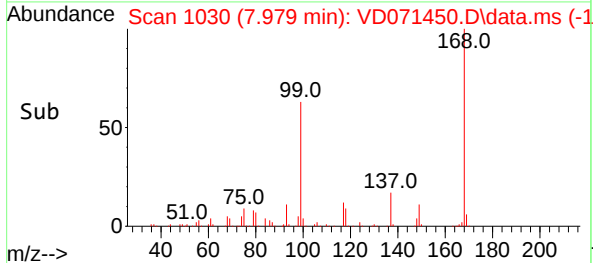
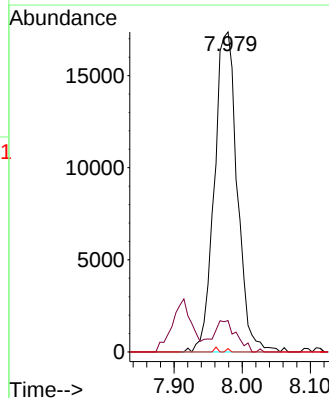
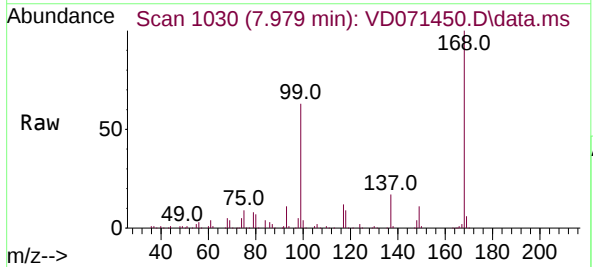
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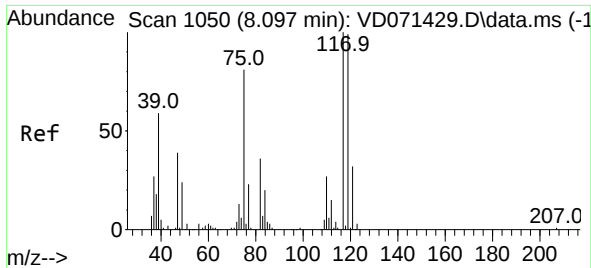
Tgt Ion:113 Resp: 240357
Ion Ratio Lower Upper
113 100
111 103.9 82.0 123.0
192 17.6 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.901 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD071450.D
Acq: 23 Dec 2021 18:37

Tgt Ion: 75 Resp: 40674
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.4#
77 0.2 24.8 37.2#

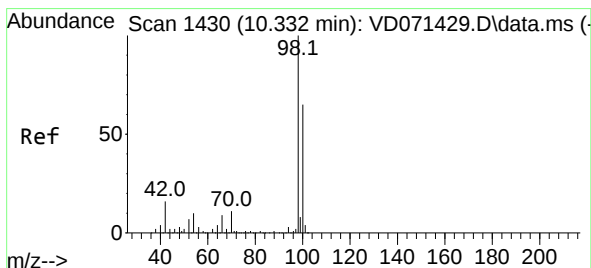
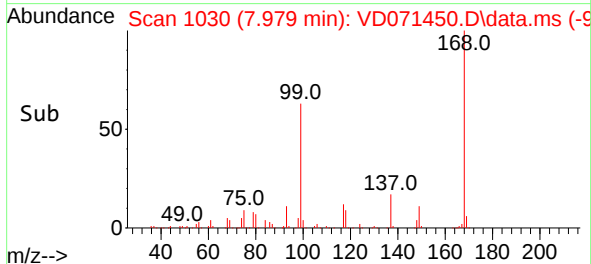
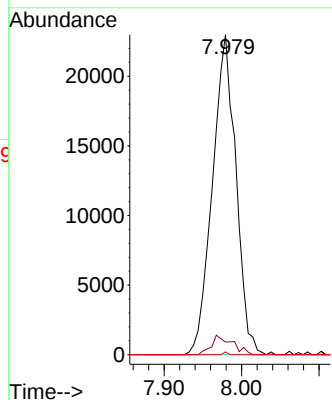
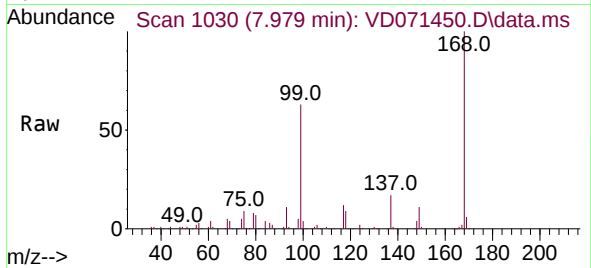




#38
Carbon Tetrachloride
Concen: 5.908 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071450.D
Acq: 23 Dec 2021 18:37

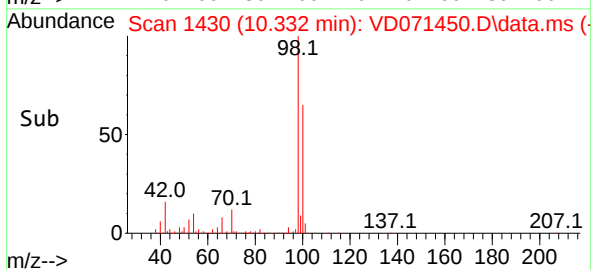
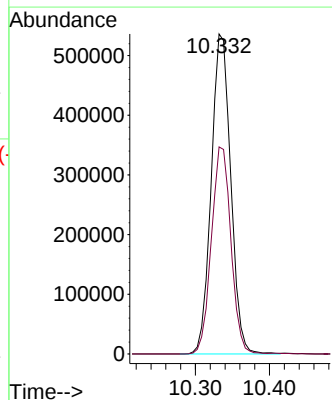
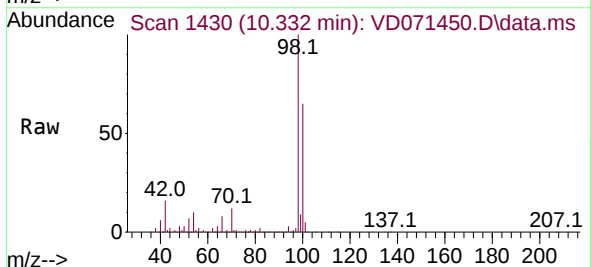
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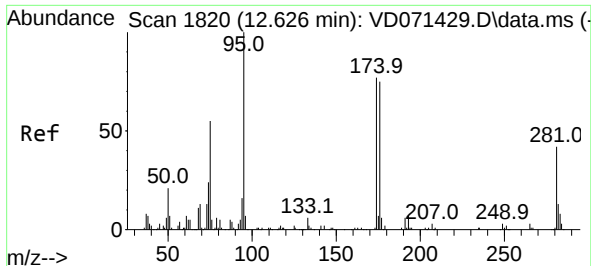
Tgt Ion:117 Resp: 48369
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.9 23.6 35.4#



#50
Toluene-d8
Concen: 49.881 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071450.D
Acq: 23 Dec 2021 18:37

Tgt Ion: 98 Resp: 979159
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

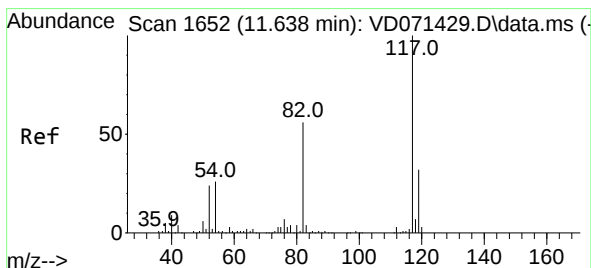
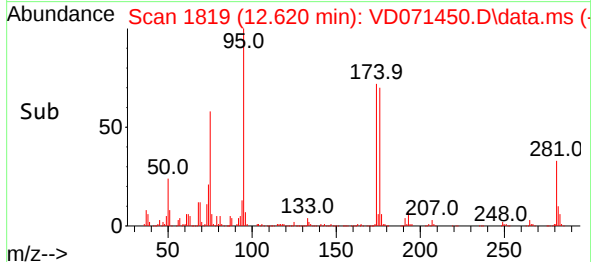
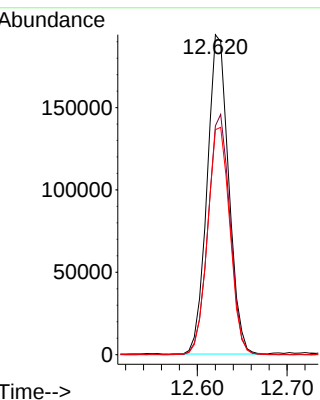
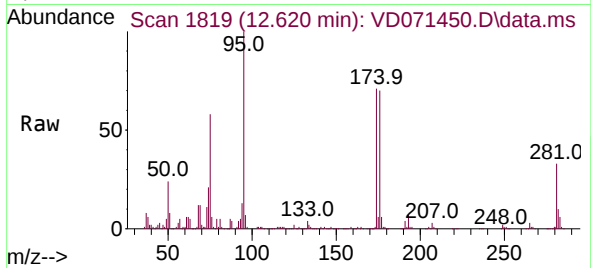




#62
4-Bromofluorobenzene
Concen: 46.314 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071450.D
Acq: 23 Dec 2021 18:37

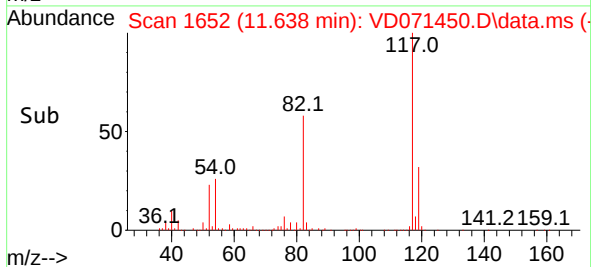
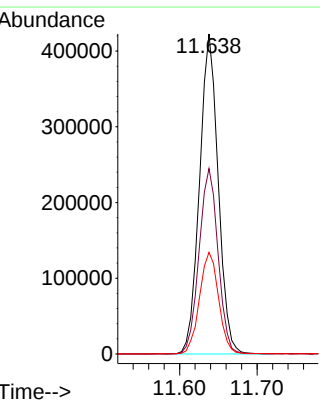
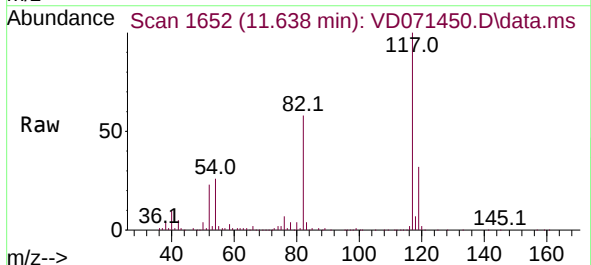
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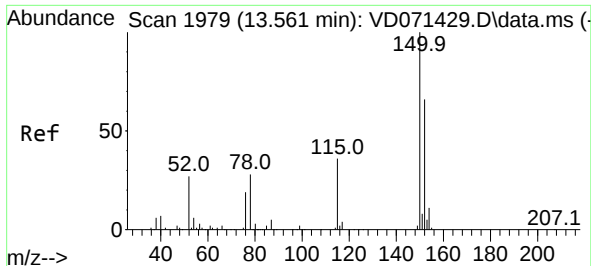
Tgt Ion: 95 Resp: 323064
Ion Ratio Lower Upper
95 100
174 76.4 0.0 159.4
176 73.5 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071450.D
Acq: 23 Dec 2021 18:37

Tgt Ion: 117 Resp: 706153
Ion Ratio Lower Upper
117 100
82 57.9 44.7 67.1
119 31.7 26.2 39.4

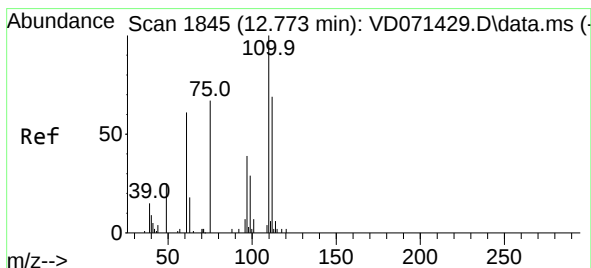
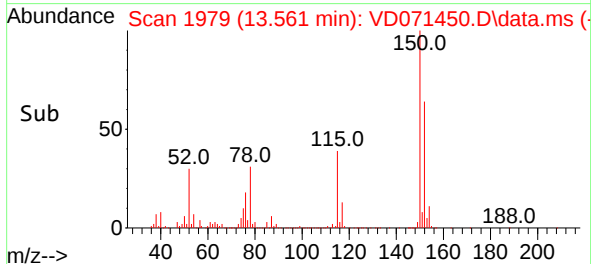
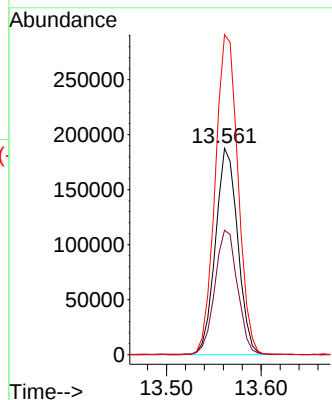
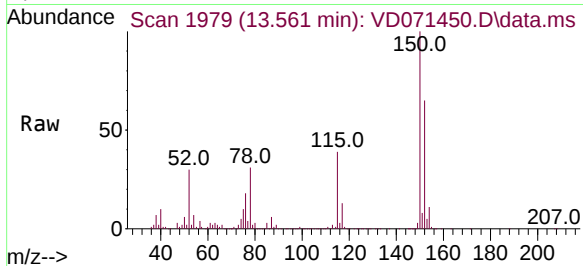




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD071450.D
 Acq: 23 Dec 2021 18:37

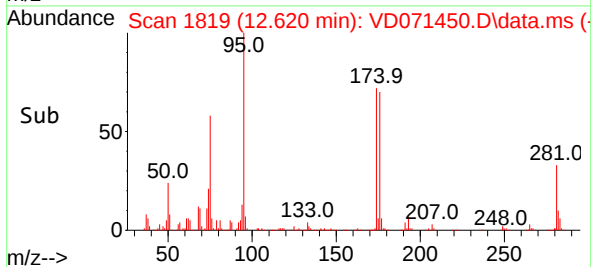
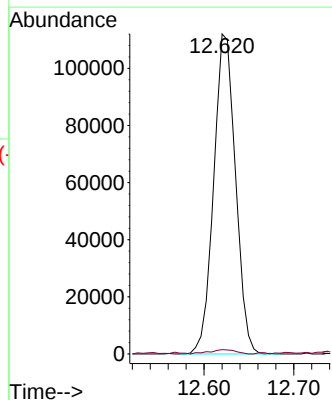
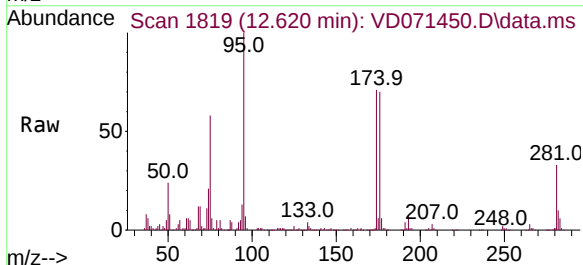
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

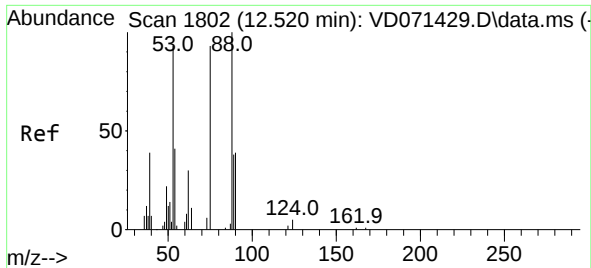
Tgt Ion:152 Resp: 306756
 Ion Ratio Lower Upper
 152 100
 115 61.0 29.8 89.3
 150 158.8 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 51.849 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD071450.D
 Acq: 23 Dec 2021 18:37

Tgt Ion: 75 Resp: 188980
 Ion Ratio Lower Upper
 75 100
 77 1.6 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.501 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.100 min
 Lab File: VD071450.D
 Acq: 23 Dec 2021 18:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 188980
 Ion Ratio Lower Upper
 75 100
 53 0.3 62.6 94.0#
 89 0.4 34.5 51.7#

